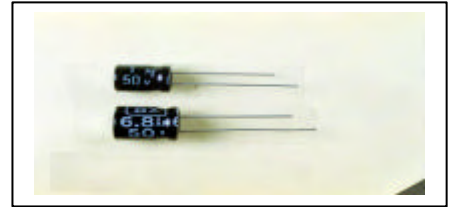


BX Series

Features
 Lifetime: 105 ,1000hrs
 Wide temperature range
 for BP
 Bi-polarized/Polarity
 reversing

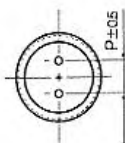
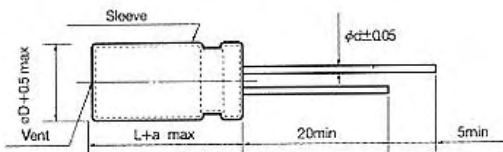
Recommended Applications
 TV/monitor
 Horizontal deflection
 correction



Specifications

Items	Characteristics			
Capacitance Tolerance	± 10% (K) (120Hz, 20)			
Rated Voltage Range (WV)	25~50 VDC			
Operating Temperature Range	-40 ~ +105			
Surge Voltage (V) (20)	WV	25	35	50
	SV	32	44	63
Leakage Current (Max) (20)	I = 100 μ A (After rated voltage applied for 2 minutes)			
	I = Leakage Current (μ A)			
Dissipation Factor (Max) (tan) (120Hz , 20)	WV	25	35	50
	tan	0.05	0.05	0.05
Load Life	After applying rated voltage for 1000 hours at 105 , the capacitor shall meet the following requirement. (The polarity shall be reversed every 250 hours)			
	Capacitance Change	Within ± 15% of the initial value		
	Dissipation Factor	Not more than 200% of the specified value		
	Leakage Current	Not more than the specified value		
Shelf Life	After placed at 105 without voltage applied for 500 hours, the capacitor shall meet the same requirement as load life.			
Applicable standards	Refer to JIS C-5101			

Dimensions (mm)



D	10	13	16	18	22	25
P	5.0	5.0	7.5	7.5	10.0	12.5
d	0.6	0.6 (0.8)	0.8	0.8	0.8	0.8
a	1.0	2.0	2.0	2.0	2.0	2.0

() : L 30

Multiplier for Ripple Current

Temperature coefficient

Ambient Temperature ()	50	70	85	105
Coefficient	1.90	1.75	1.40	1.00

Case Size / Max Ripple Current / ESR

CASE SIZE (DxL(mm)) / MAX PERMISSIBLE RIPPLE CURRENT (RC(A_{p-p}) / Sawtooth wave 15.75KHz,105) / MAX EQUIVALENT SERIES RESISTANCE (ESR() / 120Hz,20)

WV	25			35			50		
μ F	DxL	RC	ESR	DxL	RC	ESR	DxL	RC	ESR
1							10x20	1.4	66.4
1.2				10x20	1.5	55.3	13x20	1.8	55.3
1.5				10x20	1.8	44.3	13x20	2	44.3
1.8	10x20	1.9	36.9	13x20	2.2	36.9	13x20	2.2	36.9
2.2	13x20	2.5	30.2	13x20	2.5	30.2	13x20	2.5	30.2
2.7	13x20	2.7	24.6	13x20	2.7	24.6	13x25	3	24.6
3.3	13x20	3.1	20.1	13x25	3.3	20.1	16x26	3.8	20.1
3.9	13x20	3.3	17.0	13x25	3.6	17.0	16x26	4	17.0
4.7	13x25	4	14.1	16x26	4.5	14.1	16x26	4.5	14.1
5.6	16x26	5	11.9	16x26	5	11.9	16x32	5.4	11.9
6.8	16x26	5.5	9.76	16x32	6	9.76	16x36	6.8	9.76
8.2	16x26	6	8.09	16x32	6.5	8.09	18x36	7.4	8.10
10	16x32	7.3	6.64	16x36	7.6	6.64	18x40	8.5	6.64
12	16x36	8.5	5.53	18x36	8.5	5.53	22x40	9.3	5.53
15	18x36	9.3	4.43	18x40	10	4.43	22x40	11	4.43
18	18x40	11	3.69	22x40	12	3.69	25x40	14	3.69
22	22x40	13	3.02	22x40	14	3.02	25x40	15	3.02
27	22x40	15	2.46	25x40	16	2.46			
33	25x40	18	2.01						